

SCORE Search Results Details for Application 10573229 and Search Result 20090528_121112_us-10-573-229a-1.rnpbn.

Score Home	Retrieve Application	SCORE System	SCORE	Comments /
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This page gives you Search Results detail for the Application 10573229 and Search Result 20090528_121112_us-10-573-229a-1.rnpbn.

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GenCore version 6.3

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OM nucleic - nucleic search, using sw model

Run on: May 31, 2009, 22:32:56 ; Search time 135 Seconds
(without alignments)
7905.435 Million cell updates/sec

Title: US-10-573-229A-1
Perfect score: 920
Sequence: 1 tctgtagagggggaatggctg.....acccccaaagaaaccttcta 920

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1488000 seqs, 580018325 residues

Total number of hits satisfying chosen parameters: 2976000

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA_New:*
1: /ABSS/Data/CRF/ptodata/1/pubpna/US09_NEW_PUB.seq:*
2: /ABSS/Data/CRF/ptodata/1/pubpna/US10_NEW_PUB.seq:*
3: /ABSS/Data/CRF/ptodata/1/pubpna/US11_NEW_PUB.seq:*
4: /ABSS/Data/CRF/ptodata/1/pubpna/US12_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		%				
Result		Query				
No.	Score	Match	Length	DB	ID	Description

	1	77	8.4	32460	3	US-11-888-911-9	Sequence 9, Appli
c	2	67	7.3	1980090	4	US-12-287-505-17676	Sequence 17676, A
	3	64.6	7.0	13633	4	US-12-287-505-17989	Sequence 17989, A
c	4	64.4	7.0	54854	4	US-12-287-505-17862	Sequence 17862, A
	5	64	7.0	333811	4	US-12-287-505-17681	Sequence 17681, A
c	6	63.8	6.9	267966	3	US-11-579-796-1	Sequence 1, Appli
	7	62	6.7	510510	4	US-12-287-505-17606	Sequence 17606, A
c	8	61.6	6.7	209822	4	US-12-287-505-17560	Sequence 17560, A
	9	61.2	6.7	112486	4	US-12-287-505-17642	Sequence 17642, A
c	10	61.2	6.7	161700	4	US-12-287-505-17590	Sequence 17590, A
c	11	60.8	6.6	293802	4	US-12-113-373-27	Sequence 27, Appl
c	12	60.8	6.6	293802	4	US-12-113-373-64	Sequence 64, Appl
c	13	59.4	6.5	321019	4	US-12-287-505-17566	Sequence 17566, A
c	14	59	6.4	364905	4	US-12-113-373-45	Sequence 45, Appl
c	15	58.8	6.4	12600	4	US-12-287-505-17891	Sequence 17891, A
	16	58.8	6.4	59247	4	US-12-287-505-17890	Sequence 17890, A
c	17	58.4	6.3	201	4	US-12-287-505-23507	Sequence 23507, A
c	18	56.2	6.1	201	4	US-12-287-505-41763	Sequence 41763, A
	19	55.2	6.0	8000	4	US-12-024-458-421	Sequence 421, App
	20	55.2	6.0	8000	4	US-12-024-534-421	Sequence 421, App
	21	55.2	6.0	8000	4	US-12-024-672-421	Sequence 421, App
	22	55.2	6.0	8000	4	US-12-024-769-421	Sequence 421, App
	23	55.2	6.0	8000	4	US-12-024-477-421	Sequence 421, App
	24	55.2	6.0	8000	4	US-12-024-701-421	Sequence 421, App
c	25	54.6	5.9	95173	4	US-12-264-501-72	Sequence 72, Appl
	26	54.2	5.9	15644	4	US-12-287-505-17591	Sequence 17591, A
c	27	54	5.9	201	4	US-12-287-505-22944	Sequence 22944, A
	28	54	5.9	201	4	US-12-287-505-30986	Sequence 30986, A
c	29	54	5.9	201	4	US-12-287-505-41764	Sequence 41764, A
	30	52.4	5.7	201	4	US-12-287-505-44301	Sequence 44301, A
c	31	51.8	5.6	53328	4	US-12-287-505-17632	Sequence 17632, A
	32	51.4	5.6	398287	4	US-12-287-505-17839	Sequence 17839, A
c	33	49.2	5.3	3269	4	US-12-064-797A-4273	Sequence 4273, Ap
c	34	48.6	5.3	84239	4	US-12-113-373-21	Sequence 21, Appl
c	35	48.2	5.2	201	4	US-12-287-505-23523	Sequence 23523, A
c	36	48.2	5.2	103660	4	US-12-287-505-17645	Sequence 17645, A
c	37	47.8	5.2	201	4	US-12-287-505-23505	Sequence 23505, A
c	38	47.6	5.2	201	4	US-12-287-505-23647	Sequence 23647, A
	39	47.6	5.2	201	4	US-12-287-505-31333	Sequence 31333, A
	40	47.6	5.2	1618	4	US-12-064-797A-4083	Sequence 4083, Ap
	41	47.6	5.2	3360	4	US-12-064-797A-4081	Sequence 4081, Ap
c	42	47.6	5.2	12815	4	US-12-287-505-17853	Sequence 17853, A
c	43	46.8	5.1	68123	4	US-12-287-505-17774	Sequence 17774, A
c	44	46.8	5.1	187791	4	US-12-113-373-4	Sequence 4, Appli
	45	46	5.0	659	4	US-12-064-797A-2808	Sequence 2808, Ap

ALIGNMENTS

RESULT 1

US-11-888-911-9

; Sequence 9, Application US/11888911

; Publication No. US20090130109A1

; GENERAL INFORMATION:

; APPLICANT: Hart, Derek Nigel John

```
; APPLICANT: Kato, Masato
; TITLE OF INVENTION: DCL-1 AND USES THEREOF
; FILE REFERENCE: DAVI257.002CP1
; CURRENT APPLICATION NUMBER: US/11/888,911
; CURRENT FILING DATE: 2007-09-18
; PRIOR APPLICATION NUMBER: US 10/537,839
; PRIOR FILING DATE: 2006-05-18
; PRIOR APPLICATION NUMBER: PCT/AU2003/01634
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: AU 2002953223
; PRIOR FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 32460
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-888-911-9
```

Query Match 8.4%; Score 77; DB 3; Length 32460;
 Best Local Similarity 62.2%; Pred. No. 6e-13;
 Matches 171; Conservative 0; Mismatches 100; Indels 4; Gaps 3;

```
Qy      2 CTGTAGAGGGGAATGGCTGCTGTGCATGGGGGTGCATGAGCAGCCCATGGAGAGGTGC 61
      || || || | ||| ||||| || | ||| ||| ||| ||| |||
Db 6954 CTCTGGGGGAAGCTACCTGCCATGTCATAAGGACCCCTCAAGCACCCCTGTGTAGAAAGTCC 7013

Qy      62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACTGCACAACTGCTGGGTCTGAGAC 120
      || ||||| ||| | | ||||| ||| ||||| ||| ||| ||| |||
Db 7014 ACGTGGTGAGGAACCTGTGGTGTCTGCCACAGCCAGCACCAAGCTCACCACCATATGAG 7073

Qy      121 TGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180
      |||| | || ||||| ||| ||| ||||| || |||| ||||| |||
Db 7074 TGAGGCTTCTT-GAAGCTGACCTTTCAGCTCCAGTTCAGTGTTTATAGATGGCTGCAGCCCT 7132

Qy      181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTA--AA 238
      |||| | | |||| ||| ||| | || | | ||| ||| ||| |||
Db 7133 AGCCAGCATCTTCACTGTAACCTTCATGGAGACCCCAAGCCAGAATCACCAGACAAGCAA 7192

Qy      239 TTGCTCCTTGATTCTTAACCCACAGAAATTGTGTA 273
      |||| | ||| | |||| ||||| ||| |||
Db 7193 CTGCTTCAGAAATTCCTGACCCAGAGAACTGTATA 7227
```

```
RESULT 2
US-12-287-505-17676/c
; Sequence 17676, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
```

```

; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17676
; LENGTH: 1980090
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(1980090)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
US-12-287-505-17676

```

```

Query Match          7.3%; Score 67; DB 4; Length 1980090;
Best Local Similarity 61.4%; Pred. No. 1.2e-09;
Matches 148; Conservative 2; Mismatches 72; Indels 19; Gaps 2;

```

```

Qy      37 CATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCCACT 96
        | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      759398 CTTGAGCATTCCTCTGGAGAGGTCCATGTGGTGAGGACCTGAGGCCTCCGCCAACTAC-- 759341

Qy      97 GCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGAGACCAAGTC 156
        | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      759340 -----TATGTGAATGAGCTGMCTTGGGAGTAGATCTTCAGCCCTGGCT 759297

Qy      157 AAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGATCCT 216
        | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      759296 AAGCCTTAGACCGCCGAAGCCCTGGCCACCAGGTGGAATGAAACCTCATGAAAAACCT 759237

Qy      217 GAGCCAGAATCCCT-GGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGAAG 275
        | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      759236 GAGCCAGAACYGTCTAGGCCAAGATGCTCCAGATTCTGTCTAGTAGAAACTATGTGAG 759177

Qy      276 A 276
        |
Db      759176 A 759176

```

RESULT 3

US-12-287-505-17989

; Sequence 17989, Application US/12287505

; Publication No. US20090118217A1

; GENERAL INFORMATION

; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001499

; CURRENT APPLICATION NUMBER: US/12/287,505

; CURRENT FILING DATE: 2008-10-17

; NUMBER OF SEQ ID NOS: 73997

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 17989

; LENGTH: 13633

; TYPE: DNA

; ORGANISM: Homo sapiens

US-12-287-505-17989

Query Match 7.0%; Score 64.6; DB 4; Length 13633;
 Best Local Similarity 61.4%; Pred. No. 3e-09;
 Matches 148; Conservative 0; Mismatches 74; Indels 19; Gaps 2;

```

Qy      37 CATGAGCAGCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCACT 96
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db     1582 CTTGAGCATTCCTCTGGAGAGGTCCATGTGGTGAGGACCTGAGGCCTCCGCCAACTAC-- 1639

Qy      97 GCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGAGGACCAAGTC 156
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db     1640 -----TATGTGAATGAGCTGACTTGGGAGTAGATCTTCCAGCCCTGGCT 1683

Qy     157 AAGCCCTTAGCTGGGTGCAGCCACAGCCAACAACAAGACTGCAACCTCTGGGGGATCCT 216
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db     1684 AAGCCTTCAGACCGCCGAAGCCCTGGCCACCAGGTGGAATGAAACCTCATGAAAAACCT 1743

Qy     217 GAGCCAGAA-TCCCTTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATGTGTAA 275
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db     1744 GAGCCAGAACTGTCTAGGCCAAGATGCTCCAGATTCTGTCTAGTAGAAAACTATGTGAG 1803

Qy     276 A 276
      |
Db     1804 A 1804
  
```

RESULT 4

US-12-287-505-17862/c

; Sequence 17862, Application US/12287505

; Publication No. US20090118217A1

; GENERAL INFORMATION

; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001499

; CURRENT APPLICATION NUMBER: US/12/287,505

; CURRENT FILING DATE: 2008-10-17

; NUMBER OF SEQ ID NOS: 73997

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 17862

; LENGTH: 54854

; TYPE: DNA

; ORGANISM: Homo sapiens

US-12-287-505-17862

Query Match 7.0%; Score 64.4; DB 4; Length 54854;
 Best Local Similarity 61.1%; Pred. No. 4.2e-09;
 Matches 138; Conservative 0; Mismatches 86; Indels 2; Gaps 2;

```

Qy      41 AGCAGCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTC-TGCCAACCACTGCA 99
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db     3710 AGTAACCCTGTGAAGAGGTCCATGTGGCAAGGAAGTGGGCTTATGGCAGCAGCCGGCG 3651

Qy     100 CTAACCTGCTGGGTCT-GAGACTGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAA 158
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db     3650 CCCACTTGCCCACTGTGGTGAAGAAGCCACTTTGGGACTGTATCTCCGACCCTAGTCAA 3591
  
```

```

Qy      159  GCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCTGGGGGATCCTGA 218
          ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      3590  GCCTTCAGAAGACAGTAGCCCCCACTGACATACTGACTGTGACTCCATGGAAGACCCCG 3531

Qy      219  GCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGA 264
          ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      3530  GCCAGGACGCCCGAGCTAAACTGCTCTGAGTCCCTGACCACAGAAA 3485

```

RESULT 5

```

US-12-287-505-17681
; Sequence 17681, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17681
; LENGTH: 333811
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(333811)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
US-12-287-505-17681

```

```

Query Match          7.0%; Score 64; DB 4; Length 333811;
Best Local Similarity 60.6%; Pred. No. 7.3e-09;
Matches 137; Conservative 1; Mismatches 86; Indels 2; Gaps 2;

```

```

Qy      41  AGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTC-TGCCAACCCACGTCA 99
          ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      156491 AGTAACCTGTGAAGAGGTCCATGTGGCAAGGAAGTGAAGCTTCATGGCAGCAGCCGCG 156550

Qy      100  CTAACCTGCTGGGTCT-GAGACTGAGCCACTTTGGAAGCTGATCTTGAGACACCACTCAA 158
          | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      156551 CCCACTTGCCCACTGTGGTGAAGAAGCCACTTYGGGACTGTATCTCCGACCCCTAGTCAA 156610

Qy      159  GCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCTGGGGGATCCTGA 218
          ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      156611 GCCTTCAGAAGACAGTAGCCCCCACTGACATACTGACTGTGACTCCATGGAAGACCCCG 156670

Qy      219  GCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGA 264
          ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      156671 GCCAGGACGCCCGAGCTAAACTGCTCTGAGTCCCTGACCACAGAAA 156716

```

RESULT 6

```
US-11-579-796-1/c
```

```
; Sequence 1, Application US/11579796
; Publication No. US20090041862A1
; GENERAL INFORMATION
; APPLICANT: Garvan Institute of Medical Research
; APPLICANT:Schofield, Peter
; APPLICANT:Kwok, John
; TITLE OF INVENTION: Novel Diagnostics and Therapeutics of Neurodegenerative Disorders
; FILE REFERENCE: 130534
; CURRENT APPLICATION NUMBER: US/11/579,796
; CURRENT FILING DATE: 2008-09-05
; PRIOR APPLICATION NUMBER: US 60/569,098
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/626,455
; PRIOR FILING DATE: 2004-11-09
; PRIOR APPLICATION NUMBER: PCT/AU2005/000648
; PRIOR FILING DATE: 2005-05-06
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 267966
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-579-796-1
```

```
Query Match          6.9%; Score 63.8; DB 3; Length 267966;
Best Local Similarity 61.8%; Pred. No. 8.1e-09;
Matches 154; Conservative 0; Mismatches 87; Indels 8; Gaps 3;
```

```
Qy      31 GGGGTGCATGAGCAGCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCT-CTGCCA 89
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      262481 GAGATACTTAAGTAGCACTATGGAGAGGGCCACTTATTGAGTGACTGAGGCTTCCTGCAT 262422

Qy      90 ACCACCTGCACTAACCTGCT--GGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGA 147
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      262421 ACAGGCAGCACATATTGATAACCACATGAATGAGAGCCACTGTGGAAGCAGAGCTTCTG 262362

Qy      148 GCACCACTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTG 207
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      262361 CCTCCAGGCAAGTCATCAGACGACTGCATCCCTGGCTAATGTTTTGACTATGTCAT---- 262306

Qy      208 GGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAAT 267
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      262305 -GAGACTCTGACCCAGAACCACCTAGCTAAGCTGCTTCTAAATTCTGACCCATAGAAAC 262247

Qy      268 TGTGTAAGA 276
      | | | | |
Db      262246 TATGTGAGA 262238
```

```
RESULT 7
US-12-287-505-17606
; Sequence 17606, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
```



```

US-12-287-505-17642
; Sequence 17642, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17642
; LENGTH: 112486
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(112486)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
US-12-287-505-17642

```

Query Match 6.7%; Score 61.2; DB 4; Length 112486;
Best Local Similarity 66.9%; Pred. No. 4.3e-08;
Matches 87; Conservative 0; Mismatches 43; Indels 0; Gaps 0;

```

Qy      147 AGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCT 206
          ||| ||||| ||||| || | || || ||||| ||||| |||||
Db      38971 AGCCCCAGTGAAGCCCTCAGACGATGCAGCCCTAGGCTGACAACCTGGACTGCAACCTTGT 39030

Qy      207 GGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAA 266
          || | ||||| ||||| | | || ||||| |||| | || |||||
Db      39031 GAGAGGCCCTGAGCCAGAAGCACTCAGGAAAACCGCTCCTGGATTCTTGACCATTAGAAA 39090

Qy      267 TTGTGTAAGA 276
          |||| |||
Db      39091 CTGTGGGAGA 39100

```

RESULT 10

US-12-287-505-17590/c
 ; Sequence 17590, Application US/12287505
 ; Publication No. US20090118217A1
 ; GENERAL INFORMATION
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001499
 ; CURRENT APPLICATION NUMBER: US/12/287,505
 ; CURRENT FILING DATE: 2008-10-17
 ; NUMBER OF SEQ ID NOS: 73997
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 17590
 ; LENGTH: 161700
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(161700)
 ; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
 US-12-287-505-17590

Query Match 6.7%; Score 61.2; DB 4; Length 161700;
 Best Local Similarity 66.9%; Pred. No. 4.6e-08;
 Matches 87; Conservative 0; Mismatches 43; Indels 0; Gaps 0;

Qy 147 AGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCT 206
 ||| ||||| ||||| || | || ||| ||||| ||||| ||
 Db 122413 AGCCCCAGTGAAGCCCTCAGACGATGCAGCCCTAGGCTGACAACTGGACTGCAACCTTGT 122354
 Qy 207 GGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAA 266
 ||| ||||| ||||| || | ||| ||||| ||||| ||| |||||
 Db 122353 GAGAGGCCCTGAGCCAGAAGCACTCAGGAAACCGCTCCTGGATTCTGACCATTAGAAA 122294
 Qy 267 TTGTGTAAGA 276
 |||| |||
 Db 122293 CTGTGGGAGA 122284

RESULT 11
 US-12-113-373-27/c
 ; Sequence 27, Application US/12113373
 ; Publication No. US20090130096A1
 ; GENERAL INFORMATION
 ; APPLICANT: Siemens Medical Solutions USA, Inc.
 ; APPLICANT: Maastro
 ; TITLE OF INVENTION: Gene Signature of Early Hypoxia to Predict Patient Survival
 ; FILE REFERENCE: 2007P09225US01
 ; CURRENT APPLICATION NUMBER: US/12/113,373
 ; CURRENT FILING DATE: 2008-05-01
 ; PRIOR APPLICATION NUMBER: 60/915,531
 ; PRIOR FILING DATE: 2007-05-02
 ; NUMBER OF SEQ ID NOS: 209
 ; SOFTWARE: PatentIn version 3.5
 ; SEQ ID NO 27
 ; LENGTH: 293802

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-12-113-373-27
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Query Match 6.6%; Score 60.8; DB 4; Length 293802;
Best Local Similarity 61.6%; Pred. No. 6.6e-08;
Matches 133; Conservative 0; Mismatches 77; Indels 6; Gaps 2;

Qy	46	CCCAGTGGAGAGGTCACATTGGTGAGAAACCGATGCCTCTGCCAACCACTGCACTAACC	105
Db	175988	TCATTGTGAAAAAGTCCATGTAGTGAGAAACATGAGGCCCTCCTGTGCAGCAGCCAGCATGAAC	175929
Qy	106	TGCT---GGGCTCGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCC	162
Db	175928	TCATTACGCATATGAGAGTGAAACATCATGGAAGTGGATCCTCTAGCCCCAGTAAAGCCT	175869
Qy	163	TTAGCTGGCTGCAGCCACA---GCCAACAAACAAGACTGCAACCTCCTGGGGGATCCTGAG	219
Db	175868	TCAGATAACTGCAACCCCTCTTGGCTGACACCTTAACTGCAATGTTATAAGAGAATTGAG	175809
Qy	220	CCAGAAATCCCCTGGCTAAATTGCTCCTTGATTCTTA	255
Db	175808	CCAGAAACACCCAGCTAAGCTGCTCCCTCAATTCTTA	175773

RESULT 12

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US-12-113-373-64/c
; Sequence 64, Application US/12113373
; Publication No. US20090130096A1
; GENERAL INFORMATION
; APPLICANT: Siemens Medical Solutions USA, Inc.
; APPLICANT:Maastro
; TITLE OF INVENTION: Gene Signature of Early Hypoxia to Predict Patient Survival
; FILE REFERENCE: 2007P09225US01
; CURRENT APPLICATION NUMBER: US/12/113,373
; CURRENT FILING DATE: 2008-05-01
; PRIOR APPLICATION NUMBER: 60/915,531
; PRIOR FILING DATE: 2007-05-02
; NUMBER OF SEQ ID NOS: 209
; SOFTWARE: PatentIn version 3.5
; SEQ ID NO 64
; LENGTH: 293802
; TYPE: DNA
; ORGANISM: Homo sapiens
US-12-113-373-64
```

Query Match 6.6%; Score 60.8; DB 4; Length 293802;
Best Local Similarity 61.6%; Pred. No. 6.6e-08;
Matches 133; Conservative 0; Mismatches 77; Indels 6; Gaps 2;

Qy 46 CCCAGTGGAGAGGTGCACCTTGGTGAGAAACCAGTCGCTCTGCCAACCACTGCACTAACC 105
 || | ||| | | | | | | | | | | | | | | | |
Db 175988 CCATGTGGAAAAAGTCATGTAGTGAGAAACTGAGGCCTCCTGTCGACAGCCAGCATGAAC 175929

Qv 106 TGCT---GGGTCTGAGACTGAGCCAATTGGAAAGCTGATCTGGAGCACCAAGTCAAGCCC 162

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US-12-287-505-17566/c
; Sequence 17566, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17566
; LENGTH: 321019
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(321019)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
US-12-287-505-17566

```

Query Match 6.5%; Score 59.4; DB 4; Length 321019;
Best Local Similarity 63.8%; Pred. No. 1.8e-07;
Matches 90; Conservative 0; Mismatches 51; Indels 0; Gaps 0;

Qy 126 CACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCA 185
| | | | |
Db 308156 CACCTTGGAAGTGGGTCTGCCTCCCCAGGCCAAGCCTTCAGATGACTGCAGCCCCGGCGG 308097

Qy 186 ACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCC 245
| | | | | | | | | | | | | | | | | | | | | |
Db 308096 ACAGCTGGGCTGCAACCGCGAGAAGGGCTCCAAGCCAGAGCCAGCCAGCTATGCCGCTCC 308037

Qy 246 TTGATTCTTAACCCACAGAAA 266
| | | | | | | | | |
Db 308036 TGC GTT CCT CGC CT TCAG AAA 308016

US-12-113-373-45/c
; Sequence 45, Application US/12113373
; Publication No. US20090130096A1

```
; GENERAL INFORMATION
; APPLICANT: Siemens Medical Solutions USA, Inc.
; APPLICANT:Maastro
; TITLE OF INVENTION: Gene Signature of Early Hypoxia to Predict Patient Survival
; FILE REFERENCE: 2007P09225US01
; CURRENT APPLICATION NUMBER: US/12/113,373
; CURRENT FILING DATE: 2008-05-01
; PRIOR APPLICATION NUMBER: 60/915,531
; PRIOR FILING DATE: 2007-05-02
; NUMBER OF SEQ ID NOS: 209
; SOFTWARE: PatentIn version 3.5
; SEQ ID NO 45
; LENGTH: 364905
; TYPE: DNA
; ORGANISM: Homo sapiens
US-12-113-373-45
```

```
Query Match          6.4%;  Score 59;  DB 4;  Length 364905;
Best Local Similarity 61.3%;  Pred. No. 2.4e-07;
Matches    95;  Conservative    0;  Mismatches    60;  Indels    0;  Gaps    0;
```

```
Qy      122 GAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACA 181
      ||| | ||||| ||| | | | | | | | | | ||||| ||
Db      23961 GAGTGAACITGGAAGCAGATCCTCCATCCTCAACCTGGCTTTGAGGGGACTGCAGCCCCA 23902

Qy      182 GCCAACACAAGACTGCAACCTCCTGGGGGATCTGAGCCAGAATCCCCTGGCTAAATTG 241
      ||| | | ||| | ||| | | ||||| || | | | ||| |
Db      23901 ACCAGTAGTTGGAATGCCATCTCATGAGAGATCTGAGCTAGTACCACCAACTAAGCAG 23842

Qy      242 CTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
      || | | ||| |||| |||| | |
Db      23841 TTCGCAAAAGTCTGACCCTTAGAAAATGTGTGAAA 23807
```

RESULT 15

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US-12-287-505-17891/c
; Sequence 17891, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17891
; LENGTH: 12600
; TYPE: DNA
; ORGANISM: Homo sapiens
US-12-287-505-17891
```

```
Query Match          6.4%;  Score 58.8;  DB 4;  Length 12600;
Best Local Similarity 61.8%;  Pred. No. 1.7e-07;
```

Matches 110; Conservative 0; Mismatches 67; Indels 1; Gaps 1;

Qy 115 TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGC 174
 || ||||| ||| || | | ||| | ||| ||||| ||||| || ||

Db 9944 TGTGACTGATCCATGTTTCATGTGAATCCT-CAGCCCCAGTGAAGCCCTCAGATGATGCA 9886

Qy 175 AGCCACAGCCAAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGC 234
 ||| | ||||| ||||| ||||| ||| | ||| ||| ||||| | |

Db 9885 GGCCTAGACTGACAACTGGACTGCAACCTTGTGAGAGGCCCTTAGCAAGAAGCACTCAGG 9826

Qy 235 TAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCG 292
 ||| | ||||| ||||| || | ||||| ||||| ||| | ||| |

Db 9825 GAAACTTCTCTGGATTCTCGACAATTGGAAACTGTGGGAGATGATCAATATTGTG 9768

Search completed: May 31, 2009, 22:35:53

Job time : 177 secs

SCORE 3.0